

ABSTRACT

The present invention provides 4-substituted-  
2-azetidinone compounds, bicyclic 2-5-diketopiperazine  
compounds, and pharmaceutical compositions thereof that are  
5 potent, safe and effective neuroprotective agents. Due to  
their strong central nervous system (CNS) activity, the  
compounds can be used to enhance memory and to treat a variety  
of neurological disorders. The compounds are particularly  
10 useful for treating neurological disorders caused by, or  
associated with, CNS trauma.

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